

MARVIN® Multi-Lock Handle Installation and Sash Alignment Ultimate French Casement

Installing Multi-Lock Handle

1. Insert the multi-lock handle through the opening in the base of hardware cover and unlock sash by rotating the handle counter-clockwise 180 degrees.
2. Remove screen, crank open both sash and remove the shipping blocks that are attached to the top and bottom of the sash.
3. Fasten the locking handle with two Phillips head machine screws inserted through the mounting bracket and hardware cover into the handle base. Install gasket by sliding it over the shaft and tight against the sill bracket. See figure 1.

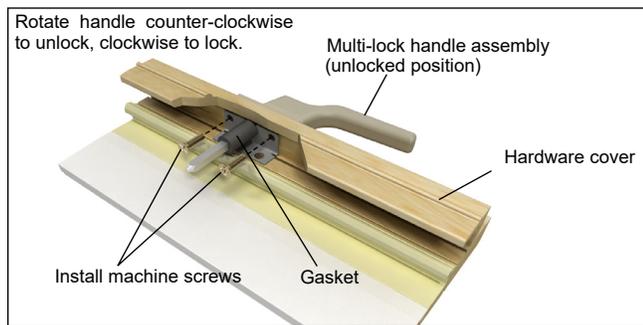


Figure 1 Install the multi-lock handle.

Aligning the Sash

IMPORTANT

Adjustable hinges are not intended to compensate for an improperly installed unit.

1. Place 3/8" adjustment wrench between hinge arm and hinge track. Turn the wrench left or right to align the top of the primary sash with the secondary sash. See figure 2 and figure 3.

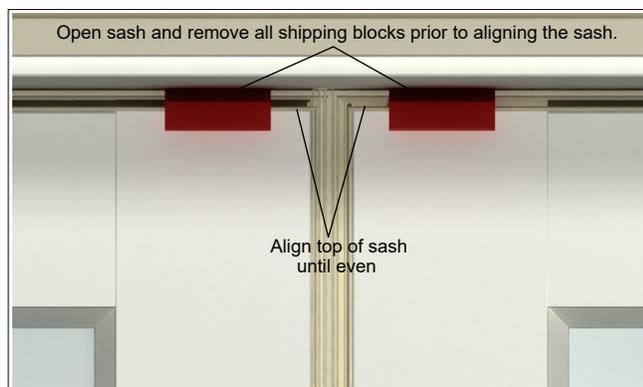


Figure 2 Adjust the top edges of the sash.

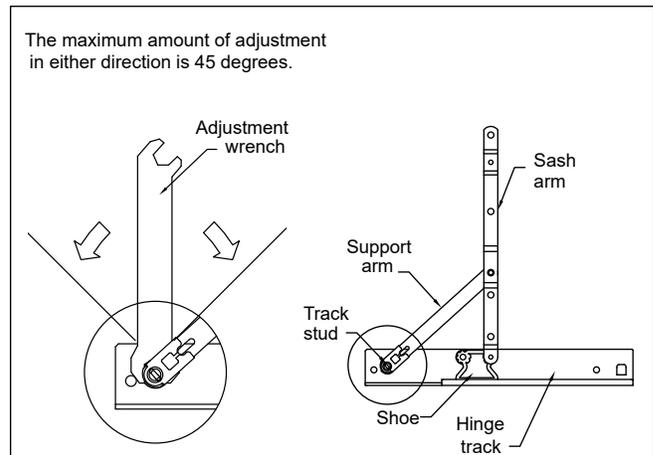


Figure 3

2. Rotate the adjustment wrench clockwise or counter-clockwise to adjust hinges until the desired reveal is obtained between the sash. See figure 4.



NOTE: Top and bottom sash hinge movement is independent. Adjust each hinge accordingly.

Figure 4 Align reveal between the sash.

Astragal Cam Adjustment

1. To adjust the sash to close tighter along the astragal, use a 7/16" adjustment wrench to move the adjustment mark on the locking cams toward the exterior plane of the sash. To make the sash lock easier, move the adjustment mark on the locking cams toward the interior plane of the sash. There will be three to five roller cams located on the top, bottom, and meeting stile of the primary sash depending on unit size. See figure 5.

NOTE: Locking cams are adjusted using an open end wrench and moving the cams as described above.



Figure 5 Adjusting the cam.